

Title (en)  
Image recording apparatus

Title (de)  
Bildaufzeichnungsgerät

Title (fr)  
Appareil d'enregistrement d'images

Publication  
**EP 1547802 A3 20060111 (EN)**

Application  
**EP 04030330 A 20041221**

Priority  
JP 2003428591 A 20031225

Abstract (en)  
[origin: EP1547802A2] A sheet printing plate material includes a plastic support having optical transparency for infrared light, and at least a hydrophilic layer and a thermosensitive image formed layer formed on the plastic support, wherein the sheet printing plate material is wound on a drum having surface reflectance of 0.1 to 10% at a wavelength to be used, and the sheet printing plate material is used for a image recording apparatus where the drum is rotated to expose an image data with a light source so that an image is recorded.

IPC 1-7  
**B41C 1/10**

IPC 8 full level  
**G03F 7/004** (2006.01); **B41C 1/055** (2006.01); **B41C 1/10** (2006.01); **B41N 1/14** (2006.01); **B41N 7/00** (2006.01); **G03F 7/00** (2006.01);  
**G03F 7/09** (2006.01); **G03F 7/11** (2006.01); **G03F 7/20** (2006.01)

CPC (source: EP US)  
**B41C 1/1075** (2013.01 - EP US); **B41C 1/1083** (2013.01 - EP US); **B41N 1/14** (2013.01 - EP US)

Citation (search report)  
• [XA] EP 1371484 A2 20031217 - KONISHIROKU PHOTO IND [JP]  
• [XA] US 6105501 A 20000822 - PHILLIPS ROGER W [US], et al  
• [XA] US 2002172891 A1 20021121 - MORI TAKAHIRO [JP]  
• [X] US 2002009574 A1 20020124 - HIRAOKA SABUROU [JP]  
• [X] EP 1266751 A2 20021218 - KONISHIROKU PHOTO IND [JP]  
• [A] EP 1256845 A2 20021113 - DAINIPPON SCREEN MFG [JP]  
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Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1547802 A2 20050629; EP 1547802 A3 20060111; JP 2005189366 A 20050714; US 2005139106 A1 20050630; US 7380499 B2 20080603**

DOCDB simple family (application)  
**EP 04030330 A 20041221; JP 2003428591 A 20031225; US 1451504 A 20041216**